AEP Texas plans to upgrade about 12 miles of electric transmission line in South Padre Island and Port Isabel. The approximate $51 million investment strengthens the local power grid and helps ensure reliable electric service for the Texas Gulf Coast community.

**WHAT**
The project involves rebuilding about 12 miles of 138-kilovolt transmission line.

Crews will complete the work in three phases:

- **Phase 1**: Upgrade the line between the Port Isabel and Causeway substations in Port Isabel.
- **Phase 2**: Upgrade the line between the South Padre Island and Sunchase substations in South Padre Island.
- **Phase 3**: Upgrade the line between the Causeway and Sunchase substations near the Queen Isabella Causeway.

**WHY**
Project Benefits:

- Increase electric reliability in the area
- Provide better resilience against Gulf Coast weather
- Replaces aging wooden poles with sturdier steel poles capable of withstanding 140 mph winds
- Support economic growth

**WHERE/WHEN**

**Phase 1**: Work began to upgrade the line between Port Isabel Substation and Causeway Substation Fall 2019 and concludes Summer 2020.

**Phase 2**: Crews plan to construct along Padre Boulevard between South Padre Island Substation and Sunchase Substation starting in Fall 2020 and concluding by Spring 2021.

**Phase 3**: Work to upgrade the power line across the Laguna Madre begins Spring 2021 and finishes Summer 2021.

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**PROJECT SCHEDULE**

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<th>2021</th>
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<td>PROJECT ANNOUNCEMENT AND OPEN HOUSE</td>
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<td>ROW* COMMUNICATIONS &amp; EASEMENT ACQUISITION BEGINS</td>
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<td>PHASE 3 FACILITIES PLACED IN SERVICE</td>
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*ROW: Right-of-Way

Note: Timeline subject to change
SOUTH PADRE ISLAND AND PORT ISABEL TRANSMISSION IMPROVEMENTS

EXISTING SUBSTATIONS

EXISTING TRANSMISSION LINE

PHASE 1: OCTOBER 2019 - JULY 2020
PHASE 2: SEPTEMBER 2020 - FEBRUARY 2021
PHASE 3: MARCH 2021 - JULY 2021

TYPICAL STRUCTURES

Phase 1 & 2 Information:
Typical Structure Height: 80 feet
Typical Distance Between Structures: 280 feet

Phase 3 Information:
Typical Structure Height: 110 feet
Typical Distance Between Structures: 700 feet

*Exact structure, height and right-of-way requirements may vary

WE VALUE YOUR INPUT ABOUT THIS PROJECT. PLEASE SEND COMMENTS AND QUESTIONS TO:

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08/13/2020